

ABSTRACT OF THE DISCLOSURE

A vibrating gyroscope includes a vibrator and an oscillation circuit for exciting the vibrator. Detecting terminals of the vibrator are connected to ground through load resistances, and are also connected to a differential circuit. A synchronous detection circuit detects a signal output from the differential circuit. A smoothing circuit smoothes a signal output from the synchronous detection circuit. An amplifying circuit amplifies a signal output from the smoothing circuit. Resistance values of the load resistances are adjusted depending on temperature drift gradient of the vibrating gyroscope, such that the temperature drift gradient is minimized.